

I claim:

1. A system for selectively connecting signal outputs from an analog and a digital converter unit comprising:

a switch;

a first analog decoder having at least one output connected to an input of the switch;

a first digital decoder having at least one output connected to an input of the switch;

a switch controller connected to the switch; and

wherein the switch controller is programmed to selectively connect either the analog decoder or the digital decoder as a source of a primary switch output depending on a user specified channel selection.

2. The system for selectively connecting signal outputs from an analog and a digital converter unit of claim 1, further comprising a memory associated with the switch controller which provides a correlation between user channel selection and a switch setting.

3. The system for selectively connecting signal outputs from an analog and a digital converter unit wherein the switch has a secondary output which is connected to either the first analog decoder or the first digital decoder depending upon whichever one is not selected as the primary switch output.

4. The system for selectively connecting signal outputs from an analog and a digital converter unit of claim 2, wherein the memory is a database.

5. The system for selectively connecting signal outputs from an analog and a digital converter unit of claim 2, wherein the memory is a linked list.

6. A method for selectively connecting signal outputs from an analog and a digital converter unit comprising the steps of:

providing a switch having a first input or set of inputs connected to a first analog decoder and a second input or set of inputs connected to a first digital decoder;

providing a switch controller connected to the switch; and

determining a position of the switch based on a user specified channel selection.

7. The method for selectively connecting signal outputs from an analog and a digital converter unit of claim 6, further comprising a step of providing a memory associated with the switch controller which contains information that provides a correlation between user channel selection and a switch setting.

8. The method for selectively connecting signal outputs from an analog and a digital converter unit of claim 6, further comprising a step of connecting a secondary output of the switch to either the first analog decoder or the first digital decoder depending upon whichever one is not selected as the primary switch output.

9. The system for selectively connecting signal outputs from an analog and a digital converter unit of claim 7, wherein the memory is a database.

10. The system for selectively connecting signal outputs from an analog and a digital converter unit of claim 7, wherein the memory is a linked list.